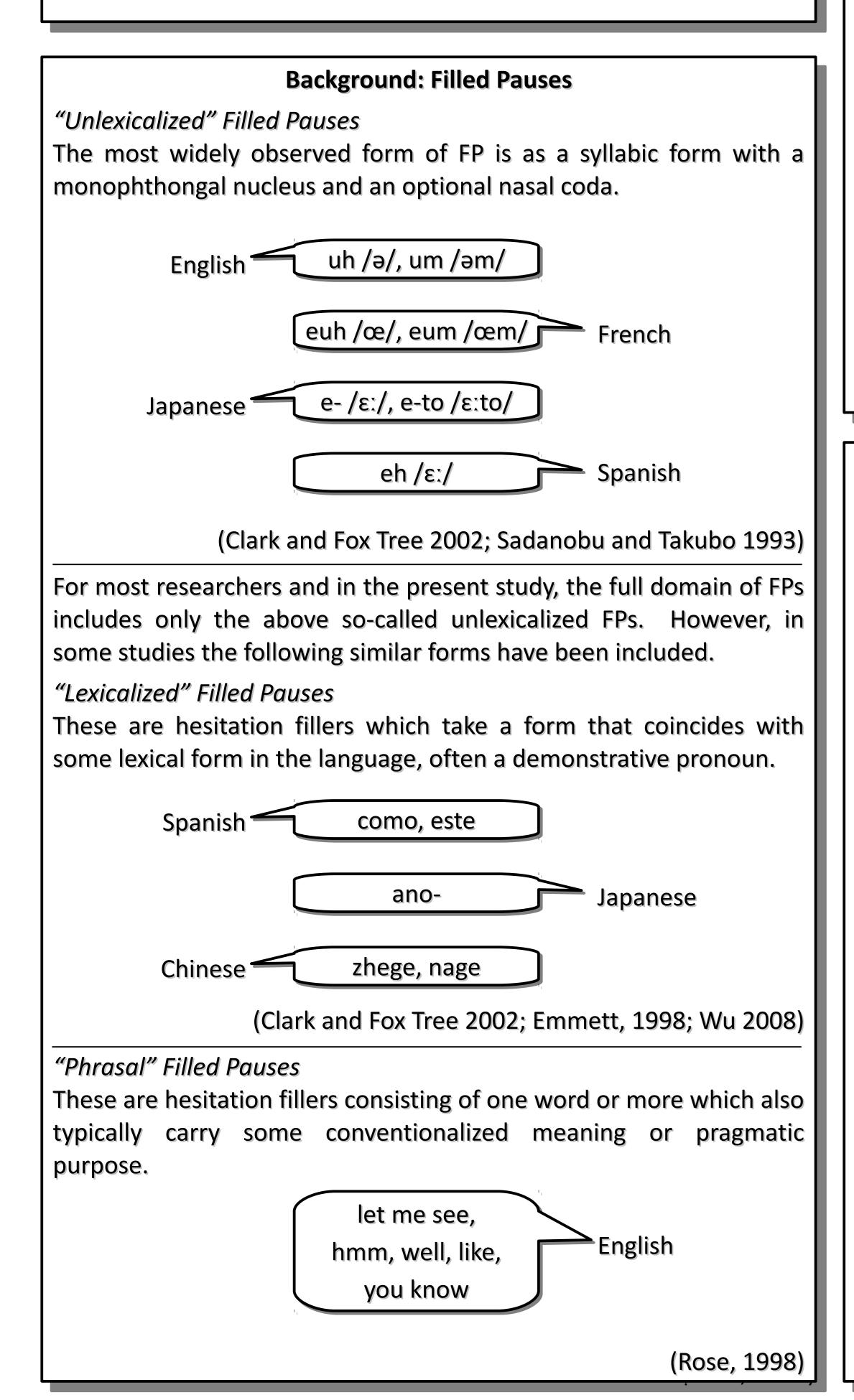


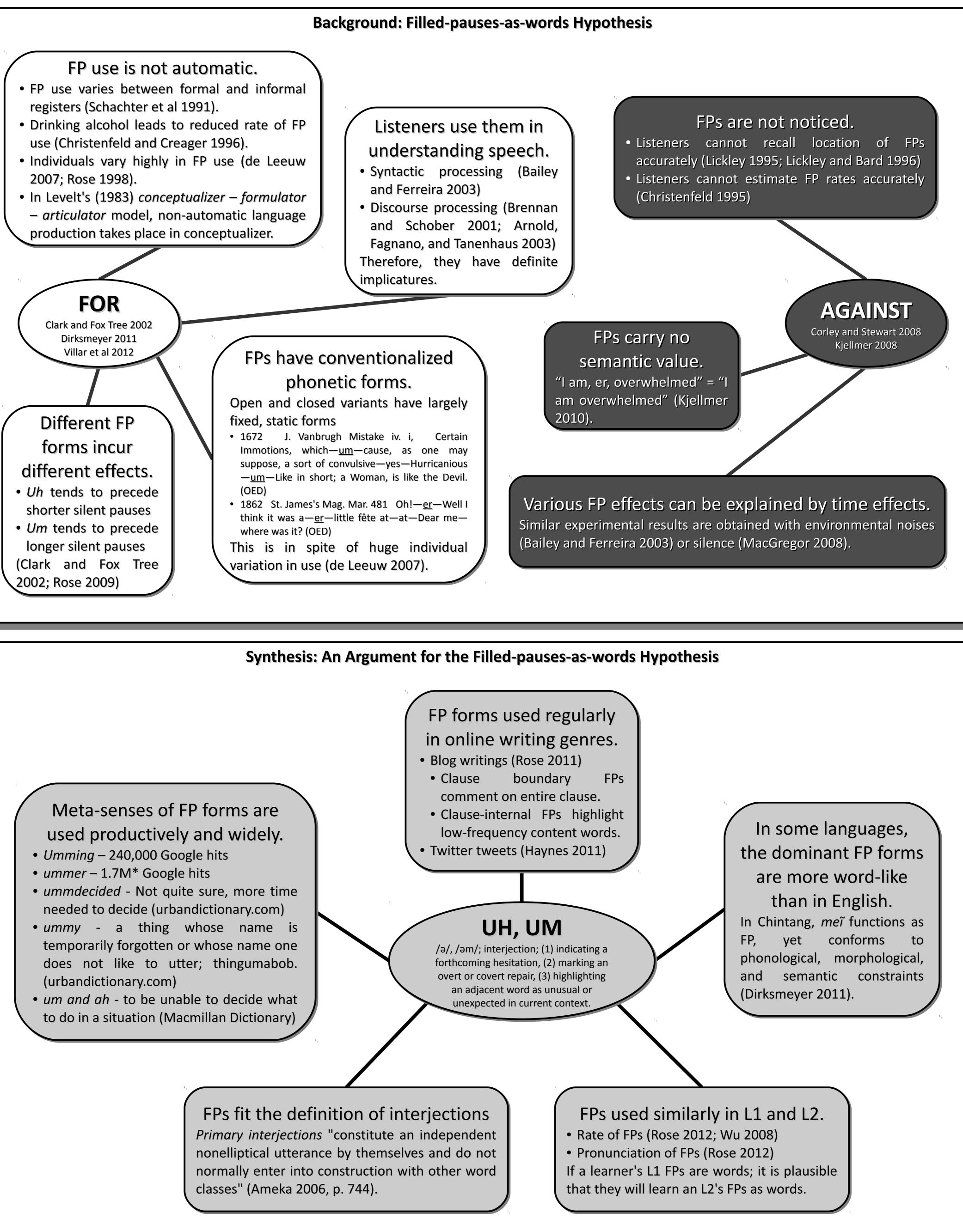
On the lexical status of filled pauses: Seeing 'uh' and 'um' as words

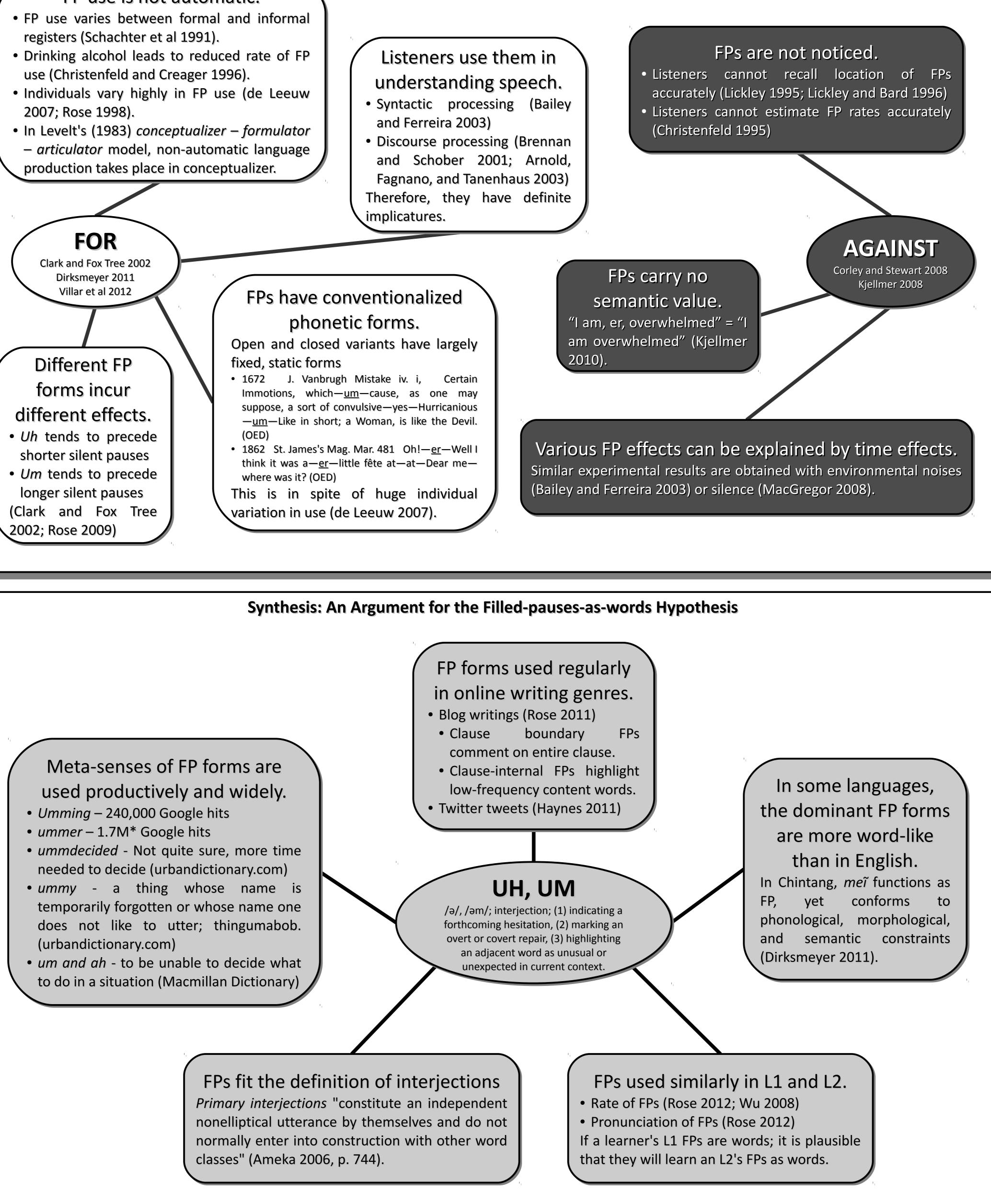
Abstract

Filled pauses (FPs: e.g., English uh/um, Japanese e-(to)) occur frequently in everyday communication. However, the exact linguistic status of FPs has been the subject of some debate. Some researchers have argued that FPs are words, with the same lexical status as such interjections as *well* or *oh* (Clark and Fox Tree 2002), or at least word-like in that they can be used in a controlled fashion (Villar et al 2012). However, others have argued that the evidence is inconclusive and that FPs can be regarded as resulting automatically from cognitive processes (Corley and Stewart 2008). I argue that FPs are words based on facts showing the systematic and distinctive use of FPs in speech corpora (Kjellmer, 2003), and particularly in a corpus of blog writings (Rose 2011). Evidence from these corpora show that FPs are used, among other ways, to highlight unexpected or unusual words and phrases (e.g., "Jan Wenner's famous pub has gone, um, gaga for [Lady] Gaga.").



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Establishing word-hood for FPs requires systematic evidence of several properties in the domains of syntax, semantics, phonology, and pragmatics. There is little controversy on the pragmatics of FPs, so positive evidence on the other three categories is desired.

Syntax

If FPs are subject to structural constraints, then it should be possible to observe certain well-established effects with ungrammatical sequences.

Jan Wenner's famous pub has gone, <u>um</u>, gaga for Gaga. (b) *Jan Wenner's famous pub has, <u>um</u>, gone gaga for Gaga.

In a grammaticality judgment task, for example, (b) should generate lower grammaticality rates than (a).

Semantics One common use of FPs is in the middle of repair sequences (as an "editing term"; Levelt 1983).

Now get to work on those Kinect hacks ... <u>er</u> , applications. (b) #Now get to work on those Kinect *applications* ... <u>er</u> , hacks. The repair in (a) is an appropriateness repair sequence where the reparandum, hack, is pragmatically infelicitous while the repair, application, is felicitous. In (b), however, the repair sequence goes from felicitous to infelicitous. In this respect, the meaning of the FP in (b) is semantically anomalous compared to that in (a). Hence, in an experimental paradigm that depends on semantic anomaly to trigger effects (e.g., N400 effects in ERP measurements), a difference should be observed between (a) and (b).

Phonology

If FPs are perceived and processed as words (before being filtered out of the message), then they should incur the same kind of phonological effects that other words do.

Susan rode Michael's bicycle over to John's house. Susan rode Michael's bicycle over to, <u>um</u>, John's house. The presence of the closed FP in (b) should prime words that are phonologically related to /am/: thumb, come, gum, mum, rum, umbrella, umpire, uncle. Thus, in a lexical decision task, for example, these words should be judged lexical faster and with greater accuracy than other words.

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Discussion: Search for more positive evidence

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